SPYWOLF

Security Audit Report

Audit prepared for

KIMBA

Completed on

March 29, 2024

KEY RESULTS

Cannot mint new tokens	Not Passed
Cannot pause trading (honeypot)	Passed
Cannot blacklist an address	Passed
Cannot raise taxes over 25%?	Passed
No proxy contract detected	Passed
Not required to enable trading	Passed
No hidden ownership	Passed
Cannot change the router	Passed
No cooldown feature found	Passed
Bot protection delay is lower than 5 blocks	Passed
Cannot set max tx amount below 0.05% of total supply	Passed
The contract cannot be self-destructed by owner	Passed

For a more detailed and thorough examination of the heightened risks, refer to the subsequent parts of the report.

N/A = Not applicable for this type of contract

*Only new deposits/reinvestments can be paused

OVERVIEW

This goal of this report is to review the main aspects of the project to help investors make an informative decision during their research process.

You will find a a summarized review of the following key points:

- ✔ Contract's source code
- ✔ Owners' wallets
- ✔ Tokenomics
- ✔ Team transparency and goals
- ✔ Website's age, code, security and UX
- ✔ Whitepaper and roadmap
- ✔ Social media & online presence

The results of this audit are purely based on the team’s evaluation and does not guarantee nor reflect the projects outcome and goal

- SPYWOLF Team -

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KIMBA

PROJECT DESCRIPTION

According to their whitepaper:

Kimba has established its own Launchpad dedicated to memecoins, providing developers and meme enthusiasts a platform to enjoy and interact with these innovative cryptocurrencies.

Each launch on our Launchpad follows a rigorous evaluation process to ensure the safety and security of our users

Release Date: Presale starts in April, 2024

Category: Utility token

CONTRACT INFO

Token Name
KImbaMeme

Symbol
KIMBA

Contract Address
0x34eF28D48137693d899371405428a49f7596944F

Network
Binance Smart Chain

Language
Solidity

Deployment Date
March 25, 2024

Contract Type
Token without taxes

Total Supply
500,000,000

Status
Not launched

TAXES

Buy Tax
none

Sell Tax
none

*Taxes cannot be changed

Our Contract Review Process

The contract review process pays special attention to the following:

- Testing the smart contracts against both common and uncommon vulnerabilities
- Assessing the codebase to ensure compliance with current best practices and industry standards.
- Ensuring contract logic meets the specifications and intentions of the client.
- Cross referencing contract structure and implementation against similar smart contracts produced by industry leaders.
- Thorough line-by-line manual review of the entire codebase by industry experts.

Blockchain security tools used:

- OpenZeppelin
- Mythril
- Solidity Compiler
- Hardhat

TOKEN TRANSFERS STATS

Transfer Count	3
Uniq Senders	2
Uniq Receivers	3
Total Amount	624700019.9999999 KIMBA
Median Transfer Amount	124700000 KIMBA
Average Transfer Amount	208233339.99999997 KIMBA
First transfer date	2024-03-25
Last transfer date	2024-03-28
Days token transferred	3

SMART CONTRACT STATS

Calls Count	3
External calls	3
Internal calls	0
Transactions count	3
Uniq Callers	1
Days contract called	3
Last transaction time	Mar-28-2024 10:12:57 PM +UTC
Created	Mar-25-2024 07:48:16 PM +UTC
Create TX	0x5cb7e04708f031919b0c2472466de4bd70674debc632188bad0c47e11866ce85
Creator	0x33171A861cbE751833B55132Bfe7A454fC9D030d

FEATURED WALLETS

Owner address	0x33171A861cbE751833B55132Bfe7A454fC9D030d
Marketing fee receiver	N/A
LP address	N/A

TOP 3 UNLOCKED WALLETS

75%	0x33171A861cbE751833B55132Bfe7A454fC9D030d Same as owner
25%	0x7986BD8b3803b1e302d0068B8Df7B6C1294B4499 KImba presale contract
N/A	

VULNERABILITY ANALYSIS

ID	Title	
SWC-100	Function Default Visibility	**Passed**
SWC-101	Integer Overflow and Underflow	**Passed**
SWC-102	Outdated Compiler Version	**Passed**
SWC-103	Floating Pragma	**Passed**
SWC-104	Unchecked Call Return Value	**Passed**
SWC-105	Unprotected Ether Withdrawal	**Passed**
SWC-106	Unprotected SELFDESTRUCT Instruction	**Passed**
SWC-107	Reentrancy	**Passed**
SWC-108	State Variable Default Visibility	**Passed**
SWC-109	Uninitialized Storage Pointer	**Passed**
SWC-110	Assert Violation	**Passed**
SWC-111	Use of Deprecated Solidity Functions	**Passed**
SWC-112	Delegatecall to Untrusted Callee	**Passed**
SWC-113	DoS with Failed Call	**Passed**
SWC-114	Transaction Order Dependence	**Passed**
SWC-115	Authorization through tx.origin	**Passed**
SWC-116	Block values as a proxy for time	**Passed**
SWC-117	Signature Malleability	**Passed**
SWC-118	Incorrect Constructor Name	**Passed**

VULNERABILITY ANALYSIS

ID	Title	
SWC-119	Shadowing State Variables	Passed
SWC-120	Weak Sources of Randomness from Chain Attributes	Passed
SWC-121	Missing Protection against Signature Replay Attacks	Passed
SWC-122	Lack of Proper Signature Verification	Passed
SWC-123	Requirement Violation	Passed
SWC-124	Write to Arbitrary Storage Location	Passed
SWC-125	Incorrect Inheritance Order	Passed
SWC-126	Insufficient Gas Griefing	Passed
SWC-127	Arbitrary Jump with Function Type Variable	Passed
SWC-128	DoS With Block Gas Limit	Passed
SWC-129	Typographical Error	Passed
SWC-130	Right-To-Left-Override control character (U+202E)	Passed
SWC-131	Presence of unused variables	Passed
SWC-132	Unexpected Ether balance	Passed
SWC-133	Hash Collisions With Multiple Variable Length Arguments	Passed
SWC-134	Message call with hardcoded gas amount	Passed
SWC-135	Code With No Effects	Passed
SWC-136	Unencrypted Private Data On-Chain	Passed

VULNERABILITY ANALYSIS

NO ERRORS FOUND

MANUAL
CODE REVIEW

When performing smart contract audits, our specialists look for known vulnerabilities as well as logical and access control issues within the code. The exploitation of these issues by malicious actors may cause serious financial damage to projects that failed to get an audit in time.

We categorize these vulnerabilities by 4 different threat levels.

THREAT LEVELS

High Risk

Issues on this level are critical to the smart contract's performance/functionality and should be fixed before moving to a live environment.

Medium Risk

Issues on this level are critical to the smart contract's performance, functionality and should be fixed before moving to a live environment.

Low Risk

Issues on this level are minor details and warning that can remain unfixed.

Informational

Information level is to offer suggestions for improvement of efficacy or security for features with a risk free factor.

FOUND THREATS

⚠ High Risk

Owner can mint new tokens.
Minting new tokens may cause significant token inflation.

```
function mint(address to, uint256 amount) public onlyOwner {
 _ mint(to, amount);
}
```

- Recommendation:
  - Considered as good practice is token supply to be minted only once, during the contract deployment.

FOUND THREATS

⚠ High Risk

Owner can burn tokens from any address.
If significant amount is burned from the liquidity pair, entire liquidity pool can be drained with very small amount of tokens.

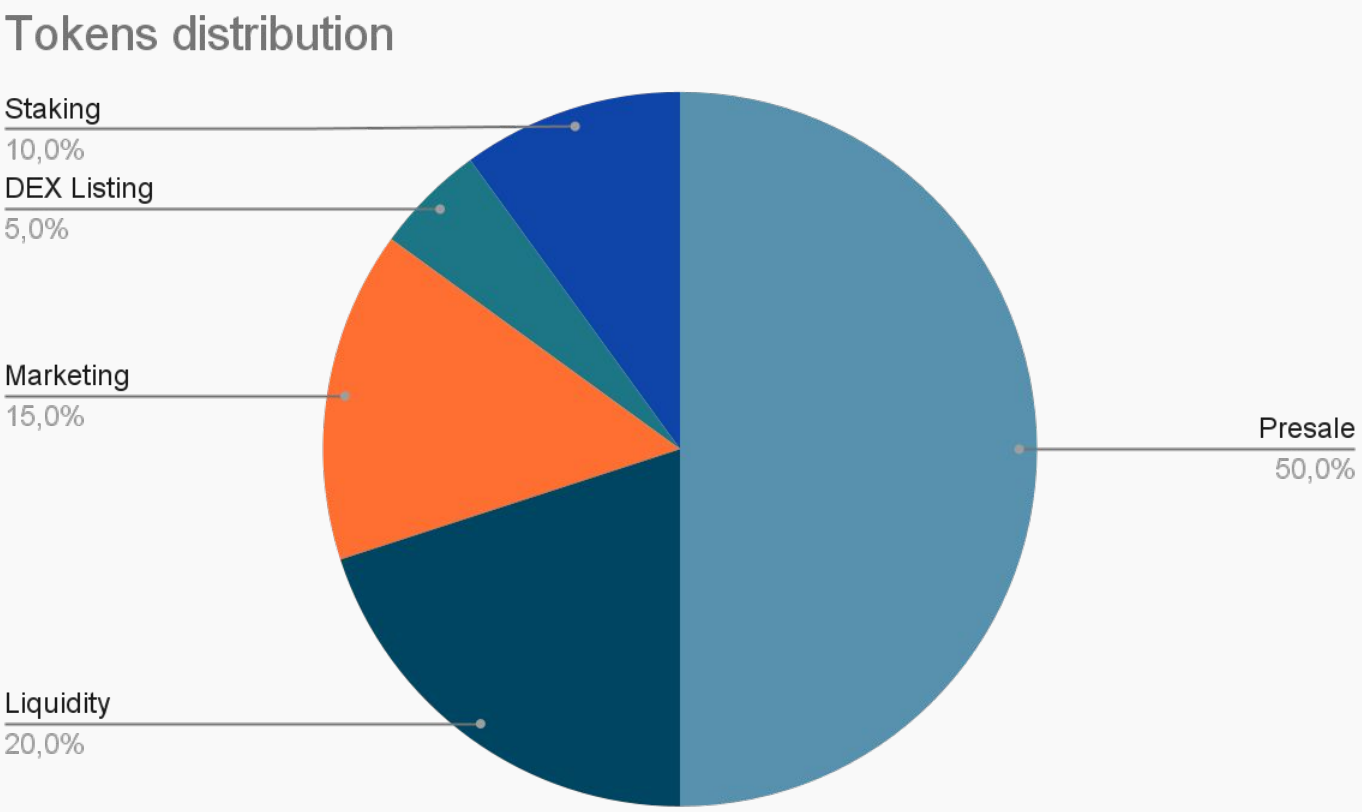
```
function burn(address from, uint256 amount) public onlyOwner {
    _burn(from, amount);
}
```

- Recommendation:
  - Considered as good practice is tokens burn to occur only for the user who sends the transaction (msg.sender)

TOKENOMICS

The following tokenomics are based on the project's whitepaper and/or website:

- 50% - Presale
- 20%- Liquidity
- 10% - Saking
- 15% - Marketing
- 5% - DEX Listing



WEBSITE

Website URL
https://kimba.meme/

Domain Registry
https://www.namecheap.com/

Domain Expiration
2025-02-13

Technical SEO Test
Passed

Security Test
Passed. SSL certificate present

Design
Very nice overall design with appropriate color scheme and graphics.

Content
The information helps new investors understand what the product does right away. No grammar mistakes found.

Whitepaper
Well written, explanatory

Roadmap
Yes, goals set without time frames

Mobile-friendly?
Yes

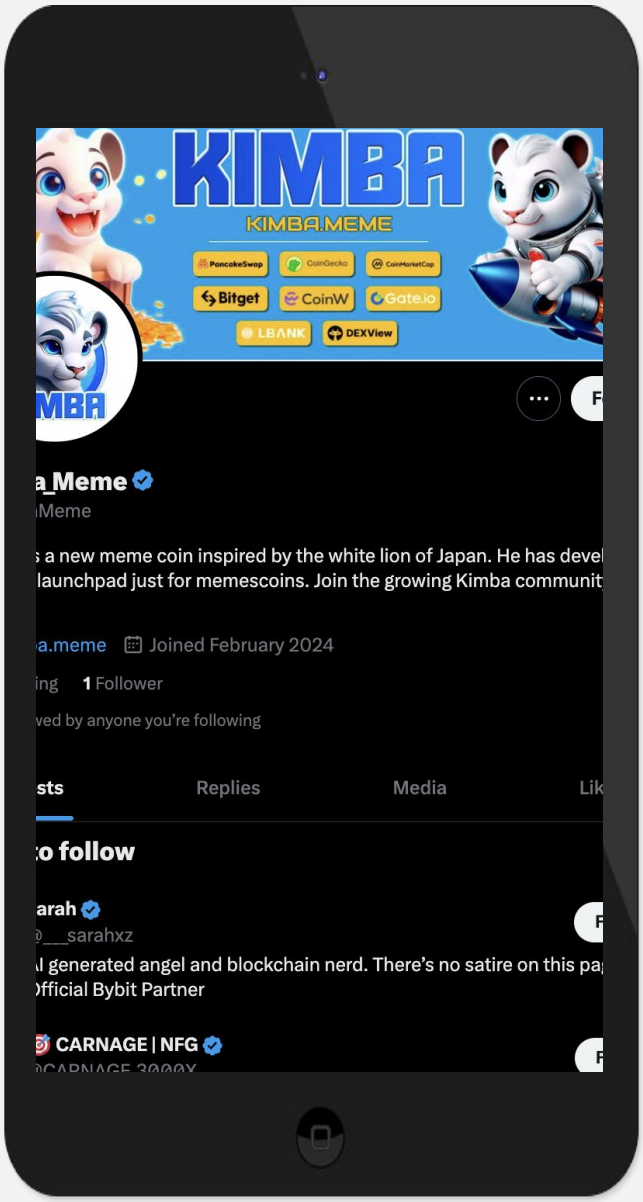
kimba.meme

SOCIAL MEDIA

& ONLINE PRESENCE

ANALYSIS

Project's social media pages are new



Twitter's X

@KimbaMeme

- 1 followers
- New account

Discord

- Not available

Telegram

- Not available

Medium

- Not available

SPYWOLF

CRYPTO SECURITY

Audits | KYCs | dApps
Contract Development

ABOUT US

We are a growing crypto security agency offering audits, KYCs and consulting services for some of the top names in the crypto industry.

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Disclaimer

This report shows findings based on our limited project analysis, following good industry practice from the date of this report, in relation to cybersecurity vulnerabilities and issues in the framework and algorithms based on smart contracts, overall social media and website presence and team transparency details of which are set out in this report. In order to get a full view of our analysis, it is crucial for you to read the full report.
While we have done our best in conducting our analysis and producing this report, it is important to note that you should not rely on this report and cannot claim against us on the basis of what it says or doesn't say, or how we produced it, and it is important for you to conduct your own independent investigations before making any decisions. We go into more detail on this in the disclaimer below – please make sure to read it in full.

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No applications were reviewed for security. No product code has been reviewed.